

ABSTRACT OF THE DISCLOSURE**Process and System for Tunable
Filter Optical Train Alignment**

- 5 An alignment process for a fiber optic system, which includes at least one lens and a tunable filter element, comprises transmitting an optical signal into the system and detecting a back-reflection from the lens and/or the tunable filter element. The position of the lens relative to the tunable filter element is then manipulated in response to the back-reflection. This alignment prevents the excitation of higher order modes.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25